NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES) DISCHARGE MONITORING REPORT (DMR)

•	
NAME	U.S. Department of Energy
ADDRESS	Strategic Petroleum Reserve
	900 Commerce Road East
	New Orleans, La. 70123
FACILITY	Big Hill Strategic Petroleum Reserve
LOCATION	Winnie, Jefferson County, Texas

 TX0092827	
PERMIT NUMBER	

008Q
DISCHARGE NUMBER

			MONIT	ORING PE	RIOD			
FROM	YEAR	MO	DAY	то	YEAR	МО	DAY	NO
	2009	2	01	1	2009	3	31	

NO DISCHARGE	
--------------	--

PARAMETER		QUAN	ITITY OR LOADING		_	QUALITY OR CONCENTRATION					SAMPLE TYPE		
	1	AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS]	ļ			
рН	SAMPLE MEASUREMENT	***	***		7.4	***	7.4		0	1/90	GRAB		
00400 1 0 0	PERMIT			****	6.0		9.0	SU					
Effluent Gross Value	REQUIREMENT	***	****		MIN.	****	MAX	<u> </u>		1/QTR	GRAB		
Salinity	SAMPLE MEASUREMENT	***	***		***	***	3.0		0	1/90	GRAB		
00480 1 0 0	PERMIT			****			8	G/L					
Effluent Gross Value	REQUIREMENT	****	****		****	****	DAILY MAX	ļ		1/QTR	GRAB		
Oil & Grease	SAMPLE MEASUREMENT	***	***		****	***	1.1		0	1/90	GRAB		
00556 1 0 0	PERMIT			****		****	15	MG/L		41070			
Effluent Gross Value	REQUIREMENT	清州共 制	****		****		DAILY MAX	 		1/QTR	GRAB		
TOC 00680 1 0 0	SAMPLE MEASUREMENT	***	***		***	***	2.7		0	1/90	GRAB		
	PERMIT			****				MG/L					
Effluent Gross Value	REQUIREMENT	**** *****	***		****	****	DAILY MAX			1/QTR	GRAB		
	SAMPLE	<u> </u>											
	MEASUREMENT							ļ					
	PERMIT REQUIREMENT					7							
	SAMPLE												
	MEASUREMENT												
	PERMIT REQUIREMENT												
	SAMPLE							!					
	MEASUREMENT		<u> </u>						andridaere				
	PERMIT REQUIREMENT												
ME/TITLE PRINCIPAL EXECUTIVE OFF	unaermy	orection or supervisio	t this document and all att on inaccoroance with a sy: o gather and evaluate the i	stem aesign	BO (O assure	20				ELEPHONE	DATE		
AU F F	Based on r	ny inquiry of the perso	on or persons wno manag	e ine system	, or those	1/2	<u>د</u>			[
Allen E. Fruge', DOE Senior Site Representative	I *	• •	gathering the information nowledge and belief, true,	•	V // .	complete. III MULL				981-8201	09/04/08		
Power one Kehiesenranye	ı am aware	mat mere are signific	nomeage and beliet, true, cant penalties for submitti nd imprisonment for know	ng taise into	rmauon,					501-0201	0/0/00		
TYPED OR PRINTED		, ,	·			DFFICER OF AUT	HORIZED AGENT	<u></u>	CODE	NUMBER	YEAR MO DAY		

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES) DISCHARGE MONITORING REPORT (DMR)

NAME	U.S. Department of Energy						
ADDRESS	Strategic Petroleum Reserve						
-	900 Commerce Road East						
	New Orleans, La. 70123						
FACILITY	Big Hill Strategic Petroleum Reserve						
LOCATION	Winnie, Jefferson County, Texas						

TX00928	327
PERMIT NUM	IBER

FROM

008Q
DISCHARGE NUMBER
DISCHARGE NUMBER

MONITORING PERIOD									
YEAR	МО	DAY	то	YEAR	MO	DAY			
2009				2009	6	30			

NO DISCHARGE	

PARAMÈTER		QUANTITY OR LOADING				QUALITY OR CONCENTRATION					SAMPLE TYPE		
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MUMIXAM	UNITS					
pH	SAMPLE MEASUREMENT	***	***		8.1	****	8.1		0	1/90	(GRAB	
00400 1 0 0 Effluent Gross Value	PERMIT REQUIREMENT	***	ka k	***	6:0 MIN.	55 A A A	9.0 MAX	SU		1/QTR		SRAB	
Salinity	SAMPLE MEASUREMENT	***	***		***	***	2.6		0	1/90	GRAB		
00480 1 0 0 Effluent Gross Value	80 1 0 0 PERMIT ****	****	****	8 DAILY MAX	G/L		1/QTR	GRAB					
Oil & Grease	SAMPLE MEASUREMENT	***	***		***	***	1.2		0	1/90		GRAB	
00556 1 0 0 Effluent Gross Value	PERMIT REQUIREMENT	444	####	****	****	***	15 DAILY MAX	MG/L		1/QTR		SRAB	
тос	SAMPLE MEASUREMENT	***	***		****	***	5.0		0_	1/90	GRAB		
00680 1 0 0 Effluent Gross Value	PERMIT REQUIREMENT	****	****	****	NAME.	****	75 DAILY MAX	MG/L		1/QTR		GRAB	
	SAMPLE MEASUREMENT												
	PERMIT REQUIREMENT												
	SAMPLE MEASUREMENT												
	PERMIT REQUIREMENT												
	SAMPLE MEASUREMENT												
	PERMIT REQUIREMENT												
ETITLE PRINCIPAL EXECUTIVE OFF Allen E. Fruge', DOE benior Site Representative	under my chat qualit Based on persons d	airection of supervision lea personnel properly my inquiry of the person irectly responsible for	this document and all at n maccoroance with a sy gather and evaluate the n or persons who manag gathering the information owledge and belief, true	stem design information a the system, the inform	nea to assure a submittea. m, or those nation	Jane.	l'		409	981-8201	09	DATE	- - つ
TYPED OR PRINTED MMENT AND EXPLANATION	including (e mat mere are signific the possibility of fine ar	ant penalues for submitted and Imprisonment for know	ing raise int	ormation,		RINCIPAL EXECUTIVE UTHORIZED AGENT		AREA CODE	NUMBER	YEAR	MO .	_

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES) DISCHARGE MONITORING REPORT (DMR)

NAME	U.S. Department of Energy	
ADDRESS	Strategic Petroleum Reserve	
	900 Commerce Road East	
	New Orleans, La. 70123	
FACILITY	Big Hill Strategic Petroleum Reserve	
LOCATION	Winnie, Jefferson County, Texas	FROM

TX0092827	
PERMIT NUMBER	

008Q
DISCHARGE NUMBER

MONITORING PERIOD										
YEAR MO DAY TO YEAR MO DA										
2009	7	01		2009	9	30				

NO DISCHARGE

PARAMETER		QUANT	TY OR LOADING		QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
рН	SAMPLE MEASUREMENT	***	***		7.6	***	7.6		0	1/90	GRAB
00400 1 0 0 Effluent Gross Value	PERMIT REQUIREMENT	***	# Pr N. N.	***	6.0 Min.	最前的故	9.0 MAX	SU		1/QTR	GRAB
Salinity	SAMPLE MEASUREMENT	***	***		***	***	1.7		0	1/90	GRAB
00480 1 0 0 Effluent Gross Value	PERMIT REQUIREMENT	****	****	****	****	****	8 DAILY MAX	G/L		1/QTR	GRAB
Oil & Grease	SAMPLE MEASUREMENT	***	***		***	***	1.2		0	1/90	GRAB
00556 1 0 0 Effluent Gross Value	PERMIT REQUIREMENT	####	ANN	***	京市 有有	****	15 DAILY MAX	MG/L		1/QTR	GRAB
тос	SAMPLE MEASUREMENT	***	***		***	***	4.2		0	1/90	GRAB
00680 1 0 0 Effluent Gross Value	PERMIT REQUIREMENT	****	****	***	***	ija jir jir jir	75 DAILY MAX	MG/L		1/QTR	GRAB
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										<u></u>
	PERMIT REQUIREMENT										
TITLE PRINCIPAL EXECUTIVE OFF Ilen E. Fruge', DOE nlor Site Representative	IC I certify un uncer my c that quanti- based on n persons di submitted	irection of supervision so personnes property in ny inquiry of the person rectly responsible for g is, to the best of my kno	this document and all at this document and all at this document and evaluate the n or persons who manag athering the information owiedge and belief, true	stem design intormation je the system n, the inform , accurate, s	ec to assure summittee. n, or those ation and complete.	Ehre	le C		409	981-8201	DATE 10 C
TYPED OR PRINTED			ant penatues for submitt d imprisonment for know				RINCIPAL EXECUTIVE		AREA CODE	NUMBER	YEAR MO

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES) DISCHARGE MONITORING REPORT (DMR)

•	•	
NAME	U.S. Department of Energy	
ADDRESS	Strategic Petroleum Reserve	
•	900 Commerce Road East	
	New Orleans, La. 70123	
FACILITY	Big Hill Strategic Petroleum Reserve	
LOCATION	Winnie, Jefferson County, Texas	FROM

 TX0092827	
PERMIT NUMBER	

008Q	_
DISCHARGE NUMBER	_

Minor F-Final Stormwater, RWIS transformer pad

		MDNIT	ORING P	ERIOD		
YEAR	МО	DAY	TD	YEAR	MO	DAY
2009	10	01	1	2009	12	31

NO DISCHARGE	
--------------	--

PARAMETER		QUANTITY OR LOADING				QUALITY OR CONCENTRATION				FREQUENCY OF ANALYSIS	SAMPLE TYPE	
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS				
рН	SAMPLE MEASUREMENT	***	***		7.6	***	7.6		0	1/90	GRAB	
00400 1 0 0 Effluent Gross Value	PERMIT REQUIREMENT	####	****	****	6.0 Min.	共有效	9.0 MAX	SU		1/QTR	GRAB	
Salinity	SAMPLE MEASUREMENT	. ***	***		***	***	7.6		0	1/90	GRAB	
00480 1 0 0 Effluent Gross Value	PERMIT REQUIREMENT	****	****	***	****	6864	B DAILY MAX	G/L		1/QTR	GRAB	
Oil & Grease	SAMPLE MEASUREMENT	***	***		****	***	5.6		0	1/90	GRAB	
00556 1 0 0 Effluent Gross Value	PERMIT REQUIREMENT	****	ANNA.	****	****	***	15 DAILY MAX	MG/L		1/QTR	GRAB	
тос	SAMPLE MEASUREMENT	***	***		****	***	24.8		0	1/90	GRAB	
00680 1 0 0 Effluent Gross Value	PERMIT REQUIREMENT	####	No.	***	****	大声音	75 DAILY MAX	MG/L		1/QTR	GRAB	
	SAMPLE MEASUREMENT											
	PERMIT REQUIREMENT											
	SAMPLE MEASUREMENT									,		
	PERMIT REQUIREMENT											
	SAMPLE MEASUREMENT					_						
	PERMIT REQUIREMENT											
TITLE PRINCIPAL EXECUTIVE OF Illen E. Fruge', DOE infor Site Representative	under my that qualifi Based on persons c	airection of supervision tea personnel property my inquiry at the pers directly responsible for	It this document and all all all and in an ancoroance with a sy gamer and evaluate the on or persons who manage gathering the information nowledge and belief, true	rstem design information ge the system n, the inform	neu to assure summitted. m, or those mation	valotto	Tholon		409	981-8201	IU 01	
TYPEO OR PRINTEO	i am ewar	re wat were are signifi	cant penaties for eupmit and imprisonment for kno	ung raise int	ormation,		RINCIPAL EXECUTIVE UTHORIZED AGENT		AREA CODE	NUMBER	YEAR MO	

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES) DISCHARGE MONITORING REPORT (DMR)

NAME	U.S. Department of Energy
ADDRESS	Strategic Petroleum Reserve
	900 Commerce Road East
	New Orleans, La. 70123
FACILITY	Big Hill Strategic Petroleum Reserve
LOCATION	Winnie, Jefferson County, Texas

 TX0092827	
 PERMIT NUMBER	

FROM

008Q	
DISCHARGE NUMBER	

	MONIT	ORING P	RIOD		
МО	DAY	то	YEAR	МО	DAY
1	01		2010	3	31
	MO 1	MO DAY	MO DAY TO		MO DAY TO YEAR MO

NO DISCHARGE	
--------------	--

PARAMETER	i	QUANT	ITY OR LOADING		,	QUALITY OR CONCE	ENTRATION				AMPLE TYPE		
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS					
pH	SAMPLE MEASUREMENT	***	***		8.3	***	8.3	}	0	1/90		GRAB	
00400 1 0 0	PERMIT			****	6.0		9.0	รบ					
Effluent Gross Value	REQUIREMENT	****	***		MIN.	****	MAX			1/QTR		GRAB	
Salinity	SAMPLE MEASUREMENT	***	***		***	***	0.5		0	1/90		GRAB	
00480 1 0 0	PERMIT			****			8	G/L					
Effluent Gross Value	REQUIREMENT	****	****		***	****	DAILY MAX			1/QTR		GRAB	
	SAMPLE												
Oil & Grease	MEASUREMENT	***	***		***	***	1.0		0	1/90		GRAB	:::::
00556 1 0 0 Effluent Gross Value	PERMIT REQUIREMENT	我的故事	有品本品	****	****	***	15 DAILY MAX	MG/L		1/QTR		GRAB	
Emident Gross value	SAMPLE			-				 		368.6.3.6.4888			1111
TOC	MEASUREMENT	***	***]	***	****	4.4		0	1/90		GRAB	
00680 1 0 0	PERMIT			****			75	MG/L					
Effluent Gross Value	REQUIREMENT	****	****		****	****	DAILY MAX	<u> </u>		1/QTR		GRAB	
•	SAMPLE MEASUREMENT			1		1		Ì					
	PERMIT												
<u> </u>	REQUIREMENT												
	SAMPLE												
	MEASUREMENT				5344402614020202020				2020000000		99999999	***********	
	PERMIT												
	REQUIREMENT												1111
	MEASUREMENT								1]		
	PERMIT												
TITLE PRINCIPAL EXECUTIVE OF	REQUIREMENT												▥
THE PRINCIPAL EXECUTIVE UP	unger my that quain	airection or supervision	this document and all all ninaccordance with a sygnific and evaluate the on or persons who manage	ystem desigi intormation	nea to assure I supmitted.	10				TELEPHONE	 	DATE	Γ
Men E. Fruge', DOE	persons o	firectly responsible for	gathering the information	n, the inform	nation	tua.	•		409	981-8201	10	4	1
	(am awar	e mat mere are signific	cant penalues for submit nd imprisonment for kno	ung talse int	ormauon,	SIGNATURE OF PE	RINCIPAL EXECUTIVE	······································	AREA	1-31-0201	1,5	MO	

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES) DISCHARGE MONITORING REPORT (DMR)

NAME	U.S. Department of Energy	
ADDRESS	Strategic Petroleum Reserve	
	900 Commerce Road East	
	New Orleans, La. 70123	
FACILITY	Big Hill Strategic Petroleum Reserve	
LOCATION	Winnie, Jefferson County, Texas	FROM

TX0092827	_
PERMIT NUMBER	_

008Q DISCHARGE NUMBER Minor F-Final Stormwater, RWIS transformer pad

		MONIT	ORING P	ERIOD		
YEAR	МО	DAY	то	YEAR	МО	DAY
2010	4	01		2010	6	30

NO DISCHARGE

			2010	4	01	2010 6	30					
PARAMETER		QUANT	ITY OR LOADING			QUALITY OR CONC	ENTRATION		NO. FREQUENCY SAMPLE EX OF ANALYSIS TYPE			
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS				
рН	SAMPLE MEASUREMENT	***	***		7.1	***	7.1		0	1/90	GRAB	
00400 1 0 0 Effluent Gross Value	PERMIT REQUIREMENT	***	####	****	6.0 Min.	大大村村	9.0 MAX	su		1/QTR	GRAB	
Salinity	SAMPLE MEASUREMENT	****	***		***	***	0.5		0	1/90	GRAB	
00480 1 0 0 Effluent Gross Value	PERMIT REQUIREMENT	***	***	***	****	英族政策	8 DAILY MAX	G/L		1/QTR	GRAB	
Oil & Grease	SAMPLE MEASUREMENT	***	***		***	***	1.2		0	1/90	GRAB	نعتب
00556 1 0 0 Effluent Gross Value	PERMIT REQUIREMENT	有有有效	S SSS	***	****	****	15 DAILY MAX	MG/L		1/QTR	GRAB	
тос	SAMPLE MEASUREMENT	***	***		***	***	6.0		0	1/90	GRAB	1214
00680 1 0 0 Effluent Gross Value	PERMIT REQUIREMENT	***	WARK	****	****	****	75 DAILY MAX	MG/L		1/QTR	GRAB	
	SAMPLE MEASUREMENT											2111
	PERMIT REQUIREMENT											
	SAMPLE MEASUREMENT	i, i, i									<u></u>	-
	PERMIT REQUIREMENT											
	SAMPLE MEASUREMENT											1212
	PERMIT REQUIREMENT											
TITLE PRINCIPAL EXECUTIVE OFF Illen E. Fruge', DOE Inior Site Representative	IC I certify un under my d unat qualiti Based on n persons di	irrection or supervision on personner properly ny inquiry of the perso rectly reaponsible for	this document and all al n inaccordance with a sy gather and evaluate the n or persons who manal gathering the informatio owledge and belief, true	vstem design information ge the system n, the inform	ea to assure suomittea.	I ru	LC.		409	981-8201	DATE	
TYPED OR PRINTED	including t	mat mere are signific he possibility of fine ar	ant penalues for submit id imprisonment for kno	ung taise into	rmauon,		INCIPAL EXECUTIVE THORIZED AGENT		AREA CODE		YEAR MG	<u></u>

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES) DISCHARGE MONITORING REPORT (DMR)

NAME	U.S. Department of Energy	
ADDRESS	Strategic Petroleum Reserve	
	900 Commerce Road East	
	New Orleans, La. 70123	_
FACILITY	Big Hill Strategic Petroleum Reserve	
LOCATION	Winnie, Jefferson County, Texas	_

TX0092827
PERMIT NUMBER

008Q	
DISCHARGE NUMBER	_

Minor F-Final

Stormwater, RWIS transformer pad

		МОМІТ	ORING PE	RIOD		
YEAR	MO	DAY	то	YEAR	MO	DAY
2010	7	01		2010	9	30

NO DISCHARGE

PARAMETER		TNAUD	TITY OR LOADING			QUALITY OR CONC	ENTRATION		NO. EX	FREQUENCY OF ANALYSIS		AMPLE TYPE	
		AVERAGE	MAXIMUM	UNITS	MUMINIM	AVERAGE	MAXIMUM	UNITS	<u> </u>				
рН	SAMPLE MEASUREMENT	***	***		7.7	***	7.7		0	1/90		GRAB	
00400 1 0 0 Effluent Gross Value	PERMIT REQUIREMENT	***	****	***	6.0 Min	***	9.0 MAX	SU		1/QTR		GRAB	
Salinity	SAMPLE MEASUREMENT	***	***		***	***	4.4		0	1/90		GRAB	
00480 1 0 0 Effluent Gross Value	PERMIT REQUIREMENT	***	***	****	未 为方案	444	8 DAILY MAX	G/L		1/QTR		GRAB	
Oil & Grease	SAMPLE MEASUREMENT	***	***		***	***	7.1		0	1/90		GRAB	
00556 1 0 0 Effluent Gross Value	PERMIT REQUIREMENT	***	ANN.	****	***	le je k k	15 DAILY MAX	MG/L		1/QTR		GRAB	
тос	SAMPLE MEASUREMENT	***	***		***	***	15.3		0	1/90		GRAB	
00680 1 0 0 Effluent Gross Value	PERMIT REQUIREMENT	****	***	****	***	**************************************	75 DAILY MAX	MG/L		1/QTR		GRAB	
	SAMPLE MEASUREMENT												
	PERMIT REQUIREMENT												
	SAMPLE MEASUREMENT												
	PERMIT REQUIREMENT												
	SAMPLE MEASUREMENT												
•	PERMIT REQUIREMENT												
ETITLE PRINCIPAL EXECUTIVE OF	FIC certify us under my that qualif Based on	airection or supervision nea personnei properis my inquiry of the perso	t this document end all at on maccordance with a sy gather and evaluate the on or persons who manal gathering the informatio	ystem design i intarmation ga the systai	submitted, n, or those	all		· · · · · · · · · · · · · · · · · · ·		TELEPHONE	- Action Color	DATE	*1*14
Senior Site Representative	submitted , am awar	is, to the best of my kie mat there are signific	nowledge and belief, true cant penaities for submit nd Imprisonment for kno	, accurate, a ung saise int	and complete.	SIGNATURE OF	RINCIPAL EXECUTIVE UTHORIZED AGENT		409	981-8201	10	10	1

1 1

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES) DISCHARGE MONITORING REPORT (DMR)

NAME	U.S. Department of Energy	
ADDRESS	Strategic Petroleum Reserve	
	900 Commerce Road East	
	New Orleans, La. 70123	_
FACILITY	Big Hill Strategic Petroleum Reserve	
LOCATION	Winnie, Jefferson County, Texas	FROM

TX0092827	
PERMIT NUMBER	

008Q	
DISCHARGE NUMBER	_

Minor F-Final Stormwater, RWIS transformer pad

		MONIT	ORING PE	RIOD		
YEAR	МО	DAY	TO	YEAR	МО	DAY
2010	10	01] .	2010	12	31

|--|

PARAMETER		QUANT	ITY OR LOADING			QUALITY OR CONC	ENTRATION	1	NO. EX	FREQUENCY OF ANALYSIS		AMPLE TYPE	
		AVERAGE	MUMIXAM	UNITS	MINIMUM	AVERAGE	MUMIXAM	UNITS	ļ 				
рН	SAMPLE MEASUREMENT	***	***		8.1	***	8.1		0	1/90		GRAB	
00400 1 0 0 Effluent Gross Value	PERMIT REQUIREMENT	****	řkkk	***	6.0 MIN.	****	9.0 MAX	su		1/QTR		GRAB	
Salinity	SAMPLE MEASUREMENT	***	***		***	***	3.1		0	1/90		GRAB	21111111
00480 1 0 0 Effluent Gross Value	PERMIT REQUIREMENT	****	***	***	****	***	8 DAILY MAX	G/L		1/QTR		GRAB	
Oil & Grease	SAMPLE MEASUREMENT	***	***		***	***	1.3		0	1/90		GRAB	<u>delelele</u>
00556 1 0 0 Effluent Gross Value	PERMIT REQUIREMENT	****	XXX	***	***	****	15 DAILY MAX	MG/L		1/QTR		GRAB	
тос	SAMPLE MEASUREMENT	***	***		***	***	8.0		0	1/90		GRAB	*.*
00680 1 0 0 Effluent Gross Value	PERMIT REQUIREMENT	****	****	****	****	****	75 DAILY MAX	MG/L		1/QTR		GRAB	
	SAMPLE MEASUREMENT												niniaiaiai
	PERMIT REQUIREMENT												
	SAMPLE MEASUREMENT											1911171113111	
	PERMIT REQUIREMENT												
	SAMPLE MEASUREMENT											<u></u>	eletetete
	PERMIT REQUIREMENT												
METITLE PRINCIPAL EXECUTIVE OFF Marshall B. Jackson, DC Senior Site Representative	under my den that qualify based on the persons di	airection or supervision ea personnei properly ny inquiry of the persoi rectly responsible for g	this document and all at i maccordance with a sy gather and evaluate the n or persons who manag jsthering the Information owledge and belief, true	rstem designo intormation in ge the system n, the informa	to assure submitted. , or those	Marshell	Och		409	981-8201	//	O1	10
TYPED OR PRINTED OMMENT AND EXPLANATION	including t	that there are signification in the possibility of fine an	ant penaiues for supmitt d imprisonment for know	ing taise into		SIGNATURE OF PE	MINCIPAL EXECUTIVE		AREA	NUMBER	YEAR	мо	DAY

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES) DISCHARGE MONITORING REPORT (DMR)

NAME	U.S. Department of Energy
ADDRESS	Strategic Petroleum Reserve
	900 Commerce Road East
	New Orleans, La. 70123
FACILITY	Big Hill Strategic Petroleum Reserve
LOCATION	Winnie, Jefferson County, Texas

TX009282	27
PERMIT NUMB	ER

FROM

008Q
DISCHARGE NUMBER

Minor F-Final Stormwater, RWIS transformer pad

MONITORING PERIOD									
YEAR	МО	DAY	то	YEAR	МО	DAY			
2011	1	01	1	2011	3	31			

NO DISCHARGE

PARAMETER		QUANT	ITY OR LOADING		QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE		
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS					
рН	SAMPLE MEASUREMENT	***	***		7.8	***	7.8		0	1/90		GRAB	
00400 1 0 0 Effluent Gross Value	PERMIT REQUIREMENT	****	***	***	6.0 MIN:	A SAN	9.0 MAX	SU		1/QTR		GRAB	
Salinity	SAMPLE MEASUREMENT	***	***		***	***	3.0		0	1/90		GRAB	
00480 1 0 0 Effluent Gross Value	PERMIT REQUIREMENT	****	****	****	***	***	8 DAILY MAX	G/L		1/QTR		GRAB	
Oil & Grease	SAMPLE MEASUREMENT	***	***		***	***	1.1		0	1/90	GRAB		intelelele
00556 1 0 0 Effluent Gross Value	PERMIT REQUIREMENT	****	4444	***	****	####	15 DAILY MAX	MG/L		1/QTR		GRAB	
TOC	SAMPLE MEASUREMENT	***	****		***	****	3.2		0	1/90		GRAB	•••••
00680 1 0 0 Effluent Gross Value	PERMIT REQUIREMENT	****	****	***	****	****	75 DAILY MAX	MG/L		1/QTR		GRAB	
	SAMPLE MEASUREMENT												
	PERMIT REQUIREMENT												
	SAMPLE MEASUREMENT												
• .	PERMIT REQUIREMENT												
	SAMPLE MEASUREMENT												
· •	PERMIT REQUIREMENT												
Marshall B. Jackson, D	under my that quali based on	airection or supervisioned personnel property my inquiry of the personnel property	this document and all and inaccordance with a sygnmer and evaluate the in or persons who managers.	ystem desig i intormation ge the syste	nea to assure i submitted. m, or those					TELEPHONE	1/	DATE	
Senior Site Representative	submitted	is, to the best of my kree that there are signific	gathering the information whedge and belief, true ant penaities for submit and imprisonment for kno	s, accurate, ung talse ini		Maskall SIGNATURE OF P	NACKSO RINCIPAL EXECUTIVE		409	981-8201	/(04	07
TYPED OR PRINTED OMMENT AND EXPLANATION	1	• -	·		11	OFFICER OR A	UTHORIZED AGENT		CODE	NUMBER	YEAR	MO	DAY

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES) DISCHARGE MONITORING REPORT (DMR)

NAME	U.S. Department of Energy					
ADDRESS	Strategic Petroleum Reserve					
	900 Commerce Road East					
	New Orleans, La. 70123					
FACILITY	Big Hill Strategic Petroleum Reserve					
LOCATION	Winnie, Jefferson County, Texas					

TX0092827	
 PERMIT NUMBER	

008Q
DISCHARGE NUMBER

	MONITORING PERIOD									
FROM	YEAR	MO	QΑΥ	то	YEAR	МО	DAY			
	2011	4	01		2011	6	30			

NO DISCHARGE	
--------------	--

PARAMETER		QUANTITY OR LOADING				QUALITY OR CONCENTRATION			NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE		
	<u> </u>	AVERAGE	MUMIXAM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS					
••	SAMPLE								_				
pH	MEASUREMENT	***	***		8.2	***	8.2		0	1/90	01010101010101010	GRAB	
00400 1 0 0	PERMIT			***	6.0		9.0	รบ					
Effluent Gross Value	REQUIREMENT	****	****		MIN.	****	MAX	ļ		1/QTR		GRAB	
Salinity	SAMPLE	***	****		****	****	3.8		0	1/90			
00480 1 0 0	MEASUREMENT PERMIT			***			8.8	G/L		1/90		GRAB	
Effluent Gross Value	REQUIREMENT	****	****		法共享者	****	DAILY MAX	G/L		1/QTR		GRAB	
Cilident Gloss Value	SAMPLE							 				GNAD	
Oil & Grease	MEASUREMENT	***	****		***	****	1.2		0	1/90		GRAB	
00556 1 0 0	PERMIT			****			15	MG/L					
Effluent Gross Value	REQUIREMENT	有有有效	有数数	ŀ	****	放妆业业	DAILY MAX			1/QTR		GRAB	
	SAMPLE											., 	
TOC	MEASUREMENT	****	***]	***	***	6.2		0	1/90		GRAB	
00680 1 0 0	PERMIT			***			75	MG/L					
Effluent Gross Value	REQUIREMENT	****	****		####	****	DAILY MAX	ļ		1/QTR		GRAB	
	SAMPLE											,	
	MEASUREMENT												
	PERMIT. REQUIREMENT												
'	SAMPLE							†					
	MEASUREMENT				[ļ	,			
	PERMIT												
	REQUIREMENT												
	SAMPLE												
	MEASUREMENT			1]					
	PERMIT			-				1					
ME/TITLE PRINCIPAL EXECUTIVE OF	REQUIREMENT			<u> </u>									
THE PRINCIPAL EXECUTIVE OF	under my	airection or supervision lea personnel properly	this document and all att n inaccordance with a sys gather and evaluate the i	stem design Intormation	eq to assure supmitted.				<u> </u>	ELEPHONE		DATE	
larshall B. Jackson, DC	Based on i	my inquiry of the perso	n or persons who manag	e the syster	n, or those								
Senior Site Representative	1 .		gathering the information owiedge and belief, true,	•		Markell	() acles		409	981-8201	11	07	07
	ı am aware	e mat mere are signific	ant penalues for submitti id imprisonment for know	ng raise into	rmauon,	7	NCIPAL EXECUTIVE		AREA				
TYPED OR PRINTED MMENT AND EXPLANATION	i -		-			OFFICER OR AUT	HORIZED AGENT		CODE	NUMBER	YEAR	MO	DAY

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES) DISCHARGE MONITORING REPORT (DMR)

NAME	U.S. Department of Energy					
ADDRESS	Strategic Petroleum Reserve					
	900 Commerce Road East					
	New Orleans, La. 70123					
FACILITY .	Big Hill Strategic Petroleum Reserve					
LOCATION	Winnie, Jefferson County, Texas					

TX0092827	
PERMIT NUMBER	

FROM

	008Q	_
DIS	CHARGE NUMBER	

MONITORING PERIOD									
YEAR	МО	DAY	то	YEAR	MO	DAY			
2011	7	01]	2011	9	30			

ND DISCHARGE	
--------------	--

PARAMETER		QUANT	TITY OR LÖADING			QUALITY OR CONCE	ENTRATION	· · · · · · · · · · · · · · · · · · ·	NO. EX	FREQUENCY OF ANALYSIS	S	TYPE	
		AVERAGE	MAXIMUM	UNITS	MUMINIM	AVERAGE	MUMIXAM	UNITS					
рН	SAMPLE MEASUREMENT	***	***		7.4	***	7.4		0	1/90		GRAB	
00400 1 0 0 Effluent Gross Value	PERMIT REQUIREMENT	444	***	****	6.0 MIN.	n de de de	9.0 MAX	ธบ		1/QTR		GRAB	
Salinitý	SAMPLE MEASUREMENT	***	***		***	***	19.8		0	1/90		GRAB	
00480 1 0 0 Effluent Gross Value	PERMIT REQUIREMENT	***	***	***	***	****	8 DAILY MAX	G/L		1/QTR		GRAB	
Oil & Grease	SAMPLE MEASUREMENT	***	***		***	***	1.1		0	1/90		GRAB	
00556 1 0 0 Effluent Gross Value	PERMIT REQUIREMENT	****	renes.	****	***	£55.5	15 DAILY MAX	MG/L		1/QTR		GRAB	
TOC 00680 1 0 0 Effluent Gross Value	SAMPLE MEASUREMENT	***	***	****	***	***	17.9		0	1/90		GRAB	32974
	PERMIT REQUIREMENT	****	*****		***	***	75 DAILY MAX	MG/L		1/QTR		GRAB	
	SAMPLE MEASUREMENT												
	PERMIT REQUIREMENT												
	SAMPLE MEASUREMENT												
	PERMIT REQUIREMENT												
	SAMPLE MEASUREMENT					13.11.11.11.11.11.11.11.11.11.11.11.11.1	<u> </u>						
	PERMIT REQUIREMENT												
MEMITLE PRINCIPAL EXECUTIVE DE Marshall B. Jackson, DC Senior Site Representative	FIC I certify under my under my under my under material control by the control by	orrection or supervision ied personnel properly my inquiry of the perso irectly responsible for is, to the best of my kr	t this document and all all and in accordance with a sy gamer and evaluate the on or persons who manage gathering the information to wiedge and belief, true	enrormation of the information of the information of accurate, accurate, a	sed to assure supmitted. m, or those sation	Verskille	Jan_		409	981-8201	11	DATE / P	
TYPED OR PRINTED	i am awar	id is, to the best of my knowledge and belief, true, accurate, and complete. are unat unre are significant penalizies for summung taise information, g the possibility of fine and imprisonment for knowing violations.			ormauon,	SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT			AREA CODE	NUMBER	YEAR	мо	

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES) DISCHARGE MONITORING REPORT (DMR)

NAME	U.S. Department of Energy
ADDRESS	Strategic Petroleum Reserve
	900 Commerce Road East
	New Orleans, La. 70123
FACILITY	Big Hill Strategic Petroleum Reserve
LOCATION	Winnie Jefferson County Texas

TX0092827	
PERMIT NUMBER	

FROM

008Q	
DISCHARGE NUMBER	

Minor F-Final Stormwater, RWIS transformer pad

		MONIT	ORING PE	RIOD		
YEAR	МО	DAY	то	YEAR	MO	DAY
2011	10	01]	2011	12	31

NO DISCHARGE]
--------------	---

PARAMETER		QUANT	TTY OR LOADING			QUALITY OR CONCE	NTRATION		NO. EX	FREQUENCY OF ANALYSIS	1	AMPLE TYPE	
·		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS]				
pН	SAMPLE MEASUREMENT	***	***		8.0 \	***	8.0		0	1/90		GRAB	
00400 1 0 0 Effluent Gross Value	PERMIT REQUIREMENT	4444	****	***	6:0 MIN.	****	9.0 MAX	ຣບ		1/QTR		GRAB	
Salinity	SAMPLE MEASUREMENT	***	***		***	***	7.7		0	1/90		GRAB	1131111
00480 1 0 0 Effluent Gross Value	PERMIT REQUIREMENT	***	***	***	***	****	8 DAILY MAX	G/L		1/QTR		GRAB	
Oil & Grease	SAMPLE MEASUREMENT	***	***		***	***	1.2		0	1/90		GRAB	
00556 1 0 0 Effluent Gross Value	PERMIT REQUIREMENT	ir k i ck	k lek te	***	****	4444	15 DAILY MAX	MG/L		1/QTR		GRAB	
тос	SAMPLE MEASUREMENT	***	***		***	***	8.0		0	1/90		GRAB	
00680 1 0 0 Effluent Gross Value	PERMIT REQUIREMENT	表验检	***	***	***	***	75 DAILY MAX	MG/L		1/QTR		GRAB	
	SAMPLE MEASUREMENT						Ì						
	PERMIT REQUIREMENT												
	SAMPLE MEASUREMENT											***************************************	····
	PERMIT REQUIREMENT												
	SAMPLE MEASUREMENT												
	PERMIT REQUIREMENT												
Marshall B. Jackson, DC	under my triat quain based on persons d	airečuon or supervisio lea personnei properly my inquiry of the perso lirectly responsible for	this document and all at n inaccordance with a sy gather and evaluate the n or persons who manag gathering the information	stem design intormation je the syste n, the inform	suomittea. in, or those	Need 16	7. 6	_	409	981-8201	12	DATE	10
Senior Site Representative	I am awar	a mat mere are signific	nowledge and bellef, true sant pensices for submitt and imprisonment for know	ını saısı gnü	ormauon,	SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT			AREA GOOE	981-8201 NUMBER	YEAR	MO.	DAY

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES) DISCHARGE MONITORING REPORT (DMR)

racinty Namer	ocation if afficiently	
NAME	U.S. Department of Energy	
ADDRESS	Strategic Petroleum Reserve	
	900 Commerce Road East	
	New Orleans, La. 70123	_
FACILITY	Big Hill Strategic Petroleum Reserve	
LOCATION	Winnie, Jefferson County, Texas	FROM

TX0092827
PERMIT NUMBER

008Q	
DISCHARGE NUMBER	

Minor F-Final Stormwater, RWIS transformer pad

MONITORING PERIOD									
YEAR	мо	DAY	то	YEAR	мо	DAY			
2012	1	01].	2012	3	31			
			<u>-</u>						

NO DISCHARGE	

PH 00400 1 0 0 Effluent Gross Value Salinity: 00480 1 0 0 Effluent Gross Value Coll & Grease 00556 1 0 0 Effluent Gross Value SAN TOC 00680 1 0 0 Effluent Gross Value SAN TOC 00680 1 0 0 Effluent Gross Value SAN MEASI MEASI BE MEASI MEASI MEASI PE	MPLE UREMENT RMIT REMENT WPLE UREMENT RMIT REMENT WPLE UREMENT	AVERAGE **** **** ****	MAXIMUM **** ****	UNITS,	MINIMUM 8.1 6.0 MIN.	AVERAGE	8.1 9.0 MAX	SU	0	1/90		GRAB	 aaaaa
PH 00400 1 0 0 Effluent Gross Value Salinity: 00480 1 0 0 Effluent Gross Value Coll & Grease 00556 1 0 0 Effluent Gross Value SAN TOC 00680 1 0 0 Effluent Gross Value SAN TOC 00680 1 0 0 Effluent Gross Value SAN MEASI MEASI BE MEASI MEASI MEASI PE	UREMENT RMIT REMENT WPLE UREMENT RMIT REMENT WPLE UREMENT RMIT REMENT RPLE UREMENT	****	****	***	6.0 MIN		9.0	ຣບ	0			GRAB	
O0400 1 0 0 Effluent Gross Value SAM Salinity: O0480 1 0 0 Effluent Gross Value REQUI SAM Oil & Grease O0556 1 0 0 Effluent Gross Value TOC O0680 1 0 0 Effluent Gross Value SAM MEASI TOC O0680 1 0 0 Effluent Gross Value SAM MEASI MEASI PE	RMIT REMENT WPLE UREMENT RMIT REMENT WPLE UREMENT RMIT REMENT RMIT REMENT	****	****	***	6.0 MIN		9.0	su					100000000
SAIInity: O0480 1 0 0 Effluent Gross Value REQUI SAM MEASI O018 Grease O0556 1 0 0 Effluent Gross Value TOC O0680 1 0 0 Effluent Gross Value SAM MEASI TOC O680 1 0 0 Effluent Gross Value SAM MEASI MEASI	REMENT WPLE UREMENT RMIT REMENT WPLE UREMENT RMIT	***	****		MIN.	#####		55					
Salinity: 00480 1 0 0 Effluent Gross Value Coll & Grease 00556 1 0 0 Effluent Gross Value TOC 00680 1 0 0 Effluent Gross Value SAN MEASI MEASI SAN MEASI MEASI SAN MEASI PE	MPLE UREMENT RMIT IREMENT MPLE UREMENT RMIT	***							4-1-2-2-2-2-2-2-2-2-2-2-	1/QTR		GRAB	
Salinity: 00480 1 0 0 Effluent Gross Value SAN Oil & Grease 00556 1 0 0 Effluent Gross Value REQUI SAN MEASI TOC 00680 1 0 0 Effluent Gross Value REQUI SAN MEASI MEASI PE	UREMENT RMIT IREMENT MPLE UREMENT RMIT							-			-1+1+1+1+1+1+1+1+1+1+	<u> </u>	
O0480 1 0 0 Effluent Gross Value Oil & Grease 00556 1 0 0 Effluent Gross Value REQUI SAN MEASI TOC 00680 1 0 0 Effluent Gross Value SAI MEASI MEASI MEASI MEASI PE	IREMENT MPLE UREMENT RMIT				***	***	8.6] 1	0	1/90		GRAB	
Oil & Grease 00556 1 0 0 Effluent Gross Value TOC 00680 1 0 0 Effluent Gross Value SAI MEASI MEASI SAI MEASI SAI MEASI PE	MPLE UREMENT RMIT	****		***			8	G/L					
Oil & Grease 00556 1 0 0 Effluent Gross Value TOC 00680 1 0 0 Effluent Gross Value REQUI MEASI MEASI SAI MEASI MEASI PE	UREMENT RMIT	i		****	***	**** DAILY MAX	DAILY MAX	 		1/QTR		GRAB	
O0556 1 0 0 Effluent Gross Value TOC O0680 1 0 0 Effluent Gross Value REQUI MEASI FE MEASI MEASI MEASI MEASI	RMIT				***	***			_	1/00	l .	CDAR	
Effluent Gross Value REQUI SAR TOC MEASI 00680 1 0 0 Effluent Gross Value REQUI SAR MEASI		***	***	****	****		1.1	MG/L	0	1/90		GRAB	
TOC MEASI 00680 1 0 0 PE Effluent Gross Value REQUI	IDEMEKIT :: !	有实验	4444		****	****	DAILY MAX	MG/L		1/QTR		GRAB	
TOC 00680 1 0 0 Effluent Gross Value SAI MEASI	MPLE >				<u> </u>			ļi			153535353535	***********	
Effluent Gross Value REQUI SAI MEAS	UREMENT	***	***		***	***	4.3		0	1/90		GRAB	
SAI MEASI PE	RMIT			****			75	MG/L					
MEAS!	REMENT	****	****		****	****	DAILY MAX			1/QTR		GRAB	
PÉ	MPLE	,		Į l					٠.				
1 1888	UREMENT			<u> </u>									
, de sec	IREMENT												
SAI	MPLE	*******************	1.1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1										
MEAS	UREMENT		·										
PE	RMIT												
	IREMENT							 					
j	MPLE				*	*					1		
TEXT STATE OF THE PARTY OF THE	UREMENT RMIT			1									
	IREMENT												
AME/TITLE PRINCIPAL EXECUTIVE OFFIC	l certify un under my o that qualities	airection of supervision lea personnel properly	this document and all at n maccordance with a sy gather and evaluate the	stem design Intormation :	ea to assure supmittea.				T	ELEPHONE		DATE	
Marshall B. Jackson, DOE	1		n or persons who manag gathering the information		ation		<i>a</i> .				12	ارر	10
Senior Site Representative	submitted I am aware	is, to the best of my known	nowledge and belief, true ant penaities for submitted and imprisonment for know	, accurate, a ing taise into	nd complete.	Markell SIGNATURE OF BE	INCIPAL EXECUTIVE	<u></u>	409 AREA	981-8201	10	04	, 0

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES) DISCHARGE MONITORING REPORT (DMR)

NAME	U.S. Department of Energy
ADDRESS	Strategic Petroleum Reserve
	900 Commerce Road East
	New Orleans, La. 70123
FACILITY	Big Hill Strategic Petroleum Reserve
LOCATION	Winnie, Jefferson County, Texas

TX0092827	
PERMIT NUMBER	

008Q	
DISCHARGE NUMBER	

,		MONITORING PERIOD									
FROM	ÝEAR	МО	DAY	то	YEAR	МО	DAY				
	2012	4	01]	2012	6	30				

NO DISCHARGE	
· ·	

PARAMETER		QUAN	FITY OR LOADING	NTITY OR LOADING		QUALITY OR CONCENTRATION			NO. EX	FREQUENCY OF ANALYSIS			
		AVERAGE	. MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS					
pН	.SAMPLE MEASUREMENT	***	***		7.2	***	7.2		0	1/90	(GRAB	i
00400 1 0 0 Effluent Gross Value	PERMIT REQUIREMENT	****	***	***	6.0 Min.	***	9:0 MAX	SU		1/QTR		GRAB	
SAMPLE Salinity: MEASUREMENT **** 00480 1 0 0 PERMIT Effluent Gross Value REQUIREMENT ****	***	***		***	***	1.0		0	1/90	(GRAB		
		# # # #	****	****	有声音	****	8 DAILY MAX	G/L		1/QTR		GRAB	
Oil & Grease	SAMPLE MEASUREMENT	***	****		***	***	1.1		0 .	1/90		GRAB	
00556 1 0 0 Effluent Gross Value	PERMIT REQUIREMENT	544#	有效效	****	****	***	15 DAILY MAX	MG/L		1/QTR		GRAB	
тос	SAMPLE . MEASUREMENT	***	***		****	****	17.1		0	1/90		GRAB	
00680 1 0 0 Effluent Gross Value	PERMIT REQUIREMENT	****	****	***	****	****	75 DAILY MAX	MG/L		1/QTR		GRAB	
	SAMPLE MEASUREMENT								_				
	PERMIT REQUIREMENT												
	SAMPLE MEASUREMENT												
	PERMIT REQUIREMENT												
	SAMPLE MEASUREMENT												
	PERMIT REQUIREMENT												
TITLE PRINCIPAL EXECUTIVE OFF	under my d that quantic Based on n persons di	erection of supervisions and personnel properly my inquiry of the person rectly responsible for	this document and all att n inaccordance with a sy: gather and evaluate the in n or persons who manag gathering the information	stem design information : e the system i, the informa	ea ta assure submitted. i, or those	Jacobia M	Panols	1		ELEPHONE	2012	DATE	,
enior Site Representative	i am aware	that there are signific	awledge and belief, true, ant penaities for submitti id imprisonment for know	ng taise into	rmation,		CUNTULE RÍNCIPAL EXECUTIVE ITHORIZED AGENT		409 AREA GODE	981-8201 NUMBER	YEAR	MO	/

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES) DISCHARGE MONITORING REPORT (DMR)

NAME	U.S. Department of Energy	
ADDRESS	Strategic Petroleum Reserve	
	900 Commerce Road East	
	New Orleans, La. 70123	
FACILITY	Big Hill Strategic Petroleum Reserve	<u> </u>
LOCATION	Winnle, Jefferson County, Texas	FROM

TX0092827	
PERMIT NUMBER	

008Q	
DISCHARGE NUMBER	_

		MONIT	ORING P	ERIOD		
YEAR	Мо	DAY	то	YEAR	MO ·	DAY
2012	7	01	1	2012	9	30

NO DISCHARGE	
--------------	--

PARAMETER		QUANT	TTY OR LOADING			QUALITY OR CONCENTRATION				FREQUENCY OF ANALYSIS		TYPE	
		AVERAGE	MUMIXAM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS					
рH	SAMPLE MEASUREMENT	***	***		7.2	***	7.2		0	1/90		GRAB	j
00400 1 0 0 Effluent Gross Value	PERMIT REQUIREMENT	ķāā k	A h k k	***	6.0 MIN.	表面表	9.0 MAX	SU		1/QTR		GRAB	
Salinity :	SAMPLE MEASUREMENT	***	***		***	***	3.7	<u></u>	0	1/90		GRAB	
00480 1 0 0 Effluent Gross Value	PERMIT REQUIREMENT	****	****	****	***	****	8 DAILY MAX	G/L		1/QTR	GRAI		
Oil & Grease	SAMPLE MEASUREMENT	***	***		***	***	1.1		0	1/90		GRAB	
00556 1 0 0 Effluent Gross Value	PERMIT REQUIREMENT	448 x	4444	***	****	****	15 DAILY MAX	MG/L		1/QTR		GRAB	
TOC	SAMPLE MEASUREMENT	***	***	***	***	***	5.0		0	1/90	GRAB		
00680 1 0 0 Effluent Gross Value	PERMIT REQUIREMENT		****		****	***	75 DAILY MAX	MG/L		1/QTR		GRAB	
	SAMPLE MEASUREMENT						·						
	PERMIT REQUIREMENT												
	SAMPLE MEASUREMENT												
	PERMIT REQUIREMENT												
	SAMPLE MEASUREMENT												
	PERMIT REQUIREMENT												
TITLE PRINCIPAL EXECUTIVE OF	FIC Certify un under my that quality Based on	airection or supervision lea personnel properly my inquiry of the perso	this document and all at naccordance with a sy gather and evaluate the n or persons who manag	stem desigr information je the syster	ned to assure supmitted. n, or those	egis eritet eritet eritet eritet eritet eritet.		÷.1		TELEPHONE	,.;;;;;;;	DATE	-
rshall B. Jackson, DC enior Site Representative	submitted , am aware	is, to the best of my kn e that there are signific	gathering the information owledge and belief, true ant penames for submitt ad imprisonment for know	, accurate, a ing taise inti	and complete.	Marshell SIGNATURE OF	Daska- RINCIPAL EXECUTIVE		409 AREA	981-8201	12	10	1
TYPED OR PRINTED MENT AND EXPLANATION	1	•	•	y violatio			UTHORIZED AGENT		CODE	NUMBER	YEAR	MO.	

Facility Name/Location if different) NAME U.S. Department of Energy ADDRESS Strategic Petroleum Reserve 900 Commerce Road East New Orleans, La. 70123 FACILITY Big Hill Strategic Petroleum Reserve LOCATION Winnie, Jefferson County, Texas

PERMITTEE NAME/ADDRESS (Include

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES) DISCHARGE MONITORING REPORT (DMR)

TX0092827
PERMIT NUMBER

008Q DISCHARGE NUMBER Minor F-Final Stormwater, RWIS transformer pad

FROM	YEAR	МО	DAY	то	YEAR	MO	DAY
	2012	10	01		2012	12	31

NO DISCHARGE

PARAMETER		QUANT	QUANTITY OR LOADING			QUALITY OR CONCENTRATION			NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE		
MAMELLIN		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS					
рН	SAMPLE MEASUREMENT	****	***		7.6	***	7.6		0	1/90		GRAB	
00400 1 0 0 Effluent Gross Value	PERMIT REQUIREMENT	***	****	****	6.0 Min.	4444	9.0 MAX	SU		1/QTR		GRAB	
Salinity	SAMPLE MEASUREMENT	***	***		***	***	19.7		0	1/90		GRAB	
00480 1 0 0 Effluent Gross Value	PERMIT REQUIREMENT	78 10 10 20	****	***	5555	***	8 DAILY MAX	G/L		1/QTR		GRAB	
Oil & Grease	SAMPLE MEASUREMENT	***	***		***	***	1.1		0	1/90		GRAB	
00556 1 0 0 Effluent Gross Value	PERMIT REQUIREMENT	5548	****	****	***	***	15 DAILY MAX	MG/L		1/QTR		GRAB	
тос	SAMPLE MEASUREMENT	****	***		***	***	8.4		0	1/90	(GRAB	_
00680 1 0 0 Effluent Gross Value	PERMIT REQUIREMENT	****	****	***	4444	****	75 DAILY MAX	MG/L		1/QTR		GRAB	
	SAMPLE MEASUREMENT												···
	PERMIT REQUIREMENT												
•	SAMPLE MEASUREMENT											केव्यक्तकार । -	
	PERMIT REQUIREMENT												
	SAMPLE MEASUREMENT										-		
	PERMIT REQUIREMENT												
ATTITLE PRINCIPAL EXECUTIVE OF ATTITUDE OF	unger my trax quality Based on persons d	airection of supervision lea personnel properly my inquiry of the perso lirectly responsible for	this document and all at n maccoroance with a sy gather and evaluate the n or persons who manag gathering the information towledge and belief, true,	stem design intormation je the system i, the inform	ea to assure supmitted. n, or those ation	Ver lil.	David.		409	981-8201	13	O/	
TYPED OR PRINTED	ı am awarı	e that there are signific	iowledge and bellet, true, ant penalues for suomitti nd imprisonment for knov	ing talse into	ormation,	1000	RINCIPAL EXECUTIVE		AREA	NUMBER	YEAR	МО	

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES) DISCHARGE MONITORING REPORT (DMR)

NAME	U.S. Department of Energy
ADDRESS	Strategic Petroleum Reserve
	900 Commerce Road East
	New Orleans, La. 70123
FACILITY	Big Hill Strategic Petroleum Reserve
OCATION	Winnie, Jefferson County, Texas

TX0092827	
 PERMIT NUMBER	

	008Q	
DISC	HARGE NUMBER	

MONITORING PERIOD											
YEAR	МО	DAY	то	YEAR	МО	DAY					
2013	013 1 01			2013	3	31					

NO DISCHARGE	

PARAMETER		QUANTI	TY OR LOADING		>	QUALITY OR CONCENTRATION						SAMPLE TYPE	
	1	AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS					
Hq	SAMPLE MEASUREMENT	***	***		8.0	***	8.0		0	1/90		GRAB	
00400 1 0 0 Effluent Gross Value	PERMIT REQUIREMENT	***	***	***	6.0 MIN.	***	9.0 MAX	su		1/QTR		GRAB	
Salinity	SAMPLE MEASUREMENT	***	***		***	***	8.2		0	1/90		GRAB	
00480 1 0 0 Effluent Gross Value	PERMIT REQUIREMENT	***	***	****	****	***	8 DAILY MAX	G/L		1/QTR		GRAB	
Oil & Grease	SAMPLE MEASUREMENT	***	***		****	***	1.1		0	1/90		GRAB	
00556 1 0 0 Effluent Gross Value	PERMIT REQUIREMENT	***	***	****	***	***	15 DAILY MAX	MG/L		1/QTR		GRAB	
тос	SAMPLE MEASUREMENT	***	***		***	***	5.6		0_	1/90		GRAB	
00680 1 0 0 Effluent Gross Value	PERMIT REQUIREMENT	****	****	***	***	75 DAILY MAX	MG/L		1/QTR		GRAB		
	SAMPLE MEASUREMENT										_		
	PERMIT REQUIREMENT												
	SAMPLE MEASUREMENT												
	PERMIT REQUIREMENT			1									
	SAMPLE MEASUREMENT												
	PERMIT REQUIREMENT												
Mertitle principal executive of Marshall B. Jackson, DC	FIC Certify under my of that qualified Based on in	erection of supervision an personnel property ny inquiry of the person	this document and all at inaccordance with a sy gather and evaluate the n or persons who manag	stem desigi intormation ge the system	nea to assure submitted. m, or those					TELEPHONE	. 7	DATE	
Senior Site Representative	submitted i ı am aware	s, to the best of my kno mat mere are significa	athering the information owiedge and belief, true int penalues for submitt d imprisonment for know	, accurate, a	ormation,	SIGNATURE OF PR	Insfar_		409 AREA	981-8201	13	04	11
TYPED OR PRINTED OMMENT AND EXPLANATION			•				THORIZED AGENT		CODE	NUMBER	YEAR	МО	DAY

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES) DISCHARGE MONITORING REPORT (DMR)

NAME	U.S. Department of Energy	
ADDRESS	Strategic Petroleum Reserve	
3.	900 Commerce Road East	
	New Orleans, La. 70123	
FACILITY	Big Hill Strategic Petroleum Reserve	
LOCATION	Winnie, Jefferson County, Texas	FROM

 TX0092827	
PERMIT NUMBER	

0080	2
DISCHARGE	NUMBER

Minor F-Final Stormwater, RWIS transformer pad

MONITORING PERIOD									
YEAR	MO DAY		TO	YEAR	МО	DAY			
2013	4	01		2013	6	30			

NO DISCHARGE	

PARAMETER		QUANTITY OR LOADING			**********	QUALITY OR CONCENTRATION				FREQUENCY OF ANALYSIS	SAMPLE TYPE		_
	 +	AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS	ļ	 			
рН	SAMPLE MEASUREMENT	***	***]	7.5	***	7.5		0	1/90		GRAB	\$
00400 1 0 0 Effluent Gross Value	PERMIT REQUIREMENT	***	***	****	6.0 MIN.	***	9.0 MAX	SU		1/QTR		GRAB	3
Salinity	SAMPLE MEASUREMENT	***	***		***	***	16.5		0	1/90		GRAB	
00480 1 0 0 Effluent Gross Value	PERMIT REQUIREMENT	***	***	****	***	****	8 DAILY MAX	G/L		1/QTR		GRAB	
Oil & Grease	SAMPLE MEASUREMENT	***	***		***	****	1.2		0	1/90		GRAB	
00556 1 0 0 Effluent Gross Value	PERMIT. REQUIREMENT	***	***	***	***	***	15 DAILY MAX	MG/L		1/QTR		GRAB	3
TOC	SAMPLE MEASUREMENT	***	***		***	***	6.7		0	1/90		GRAB	 }
00680 1 0 0 Effluent Gross Value	PERMIT REQUIREMENT	***	***	****	***	****	75 DAILY MAX	MG/L		1/QTR		GRAB	3
	SAMPLE MEASUREMENT							,					
	PERMIT REQUIREMENT												
	SAMPLE MEASUREMENT												
	PERMIT REQUIREMENT	·		1									
	SAMPLE						1					. , ,	
	MEASUREMENT PERMIT	·····		-			· · · · · · · · · · · · · · · · · · ·	-					
IE/TITLE PRINCIPAL EXECUTIVE OFF Iarshall B. Jackson, DC Senior Site Representative	unger my g that quainte Based on n persons dir submitted i	der penalty of law that in inection or supervision apersonnel properly in ny inquiry of the person rectly respansible far g is, to the best of my kno	maccordance with a significant and evaluate the norpersons who mana athering the information whether, true	ystem designers information is go the system in, the information, accurate, as	ed to assure submitted. a, or those stion	udin M.Ca	mall 1 Ass	ir i	409	981-8201	2013	7	10
TYPED OR PRINTED MMENT AND EXPLANATION	i am aware including th	mat mere are significa he possiblilty of fine and	ant penalues for submit d imprisonment for kno	ung raise inro	imauon,	SIGNATURE OF PI	RINCIPAL EXECUTIVE	****	AREA CDDE	NUMBER	YEAR	мо	

Salinity "report only" during state declared drought; discharge salt-content is ambient and beyond process or operational control.

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES) DISCHARGE MDNITORING REPORT (DMR)

NAME	U.S. Department of Energy
ADDRESS	Strategic Petroleum Reserve
	900 Commerce Road East
	New Orleans, La. 70123
FACILITY	Big Hill Strategic Petroleum Reserve
LOCATION	Winnie Jefferson County Texas

 TX0092827	
PERMIT NUMBER	

008Q	_
DISCHARGE NUMBER	

MONITORING PERIOD								
YEAR	AR MO DAY TO YEAR MO DAY							
2013	7	01]	2013	9	30		

NO DISCHARGE	
--------------	--

PARAMETER		QUANT	TTY OR LOADING			QUALITY OR CONCE	NTRATION		NO.	FREQUENCY OF ANALYSIS	SAMPLE TYPE		
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS					
pН	SAMPLE MEASUREMENT	****	***		7.6	***	7.6		0	1/90		GRAB	
00400 1 0 0 Effluent Gross Value	PERMIT REQUIREMENT	kA.k	***	***	6.0 MIN.	***	9.0 MAX	ຣບ		1/QTR		GRAB	
Salinity	SAMPLE MEASUREMENT	***	***		***	***	12.2		0	1/90		GRAB	
00480 1 0 0 Effluent Gross Value	PERMIT REQUIREMENT	***	***	***	***	***	8 DAILY MAX	G/L		1/QTR		GRAB	•
Oil & Grease	SAMPLE MEASUREMENT	***	***		***	***	1.1		0	1/90		GRAB	
00556 1 0 0 Effluent Gross Value	PERMIT REQUIREMENT	***	****	****	***	***	15 DAILY MAX	MG/L		1/QTR	e*	GRAB	
тос	SAMPLE MEASUREMENT	***	***	***	***	***	6.4	MG/L	0	1/90		GRAB	
00680 1 0 0 Effluent Gross Value	PERMIT REQUIREMENT	***	******		***	***	75 DAILY MAX			1/QTR		GRAB	
	SAMPLE MEASUREMENT												
	PERMIT REQUIREMENT												
	SAMPLE MEASUREMENT												
	PERMIT REQUIREMENT							1					
	SAMPLE MEASUREMENT				i								
	PERMIT REQUIREMENT												
Marshall B. Jackson, DO Senior Site Representative	I certify un under my that quality based on i persons di submitted	prection or supervision ea persannel property my inquiry of the person rectly responsible for g is, to the best of my kno	I his document and all att in inaccordance with a sy- gatner and evaluate the in or persons who manag tathering the information powiedge and belief, true, ant penatues for suomitus	stem design information e the system , the inform accurate, a	eed to assure supmitted. in, or those ation and complete.	i.M.Canal	Idon M has	ka	409	981-8201	2013.	ID	9
TYPED OR PRINTED	including t	he possibility of fine an	d imprisonment for know				INCIPAL EXECUTIVE THORIZED AGENT		AREA CODE	NUMBER	YEAR .	MO ,	DAY